

### Miniature Wide-angle, 4K Lens



#### Description

The DSL385 lens is a miniature Tailored Distortion™ wide-angle lens designed for use with up to 12 Megapixel 1/2.7" format imagers.

#### Key Features

- Exclusive Tailored Distortion™ technology provides a "truer" and more natural wide-angle perspective over traditional wide-angle lenses.
- HDR Optimized™ for stray light and ghosting
- High image quality for HD videos.
- Hybrid design with aspheric elements for superior resolution and low distortion.
- Compact size

#### Optical Specifications

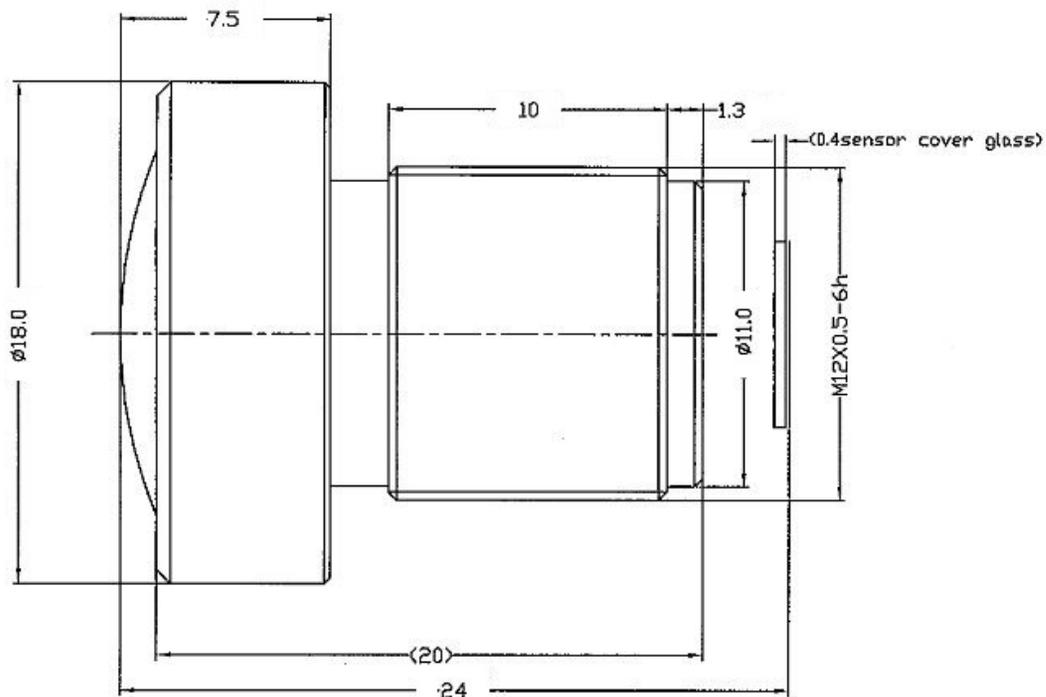
Sunex PN DSL385	
<b>Description</b>	Miniature wide-angle lens with Tailored Distortion™
<b>Imager Format</b>	1/2.7"
<b>Nominal Imager Resolution</b>	11MP
<b>Focal Length</b>	2.33mm
<b>Relative Aperture (F/#)</b>	F/2.8
<b>Image Circle (nominal)</b>	7mm
<b>Field of View</b>	150° @7mm FOV
<b>Total Track Length</b>	24mm
<b>Distortion</b>	+ 15% F-Theta
<b>Chief Ray Angle</b>	12.2° at 7mm image circle
<b>IR cut-off filter</b>	Optional IR cut-off filter

#### Applications

- Sports and action cameras
- Video conferencing
- Security and surveillance
- Drone

### DSL385A-670-F2.8 and DSL385A-NIR-F2.8 Mechanical Dimensions [mm]:

Note: DSL385A is intended for use with Sunex CMT821



Notes:  
EFL=2.33  
F#=2.8  
Barrel material: AL  
Cap material: AL  
IR cut coating: T=50% @ 670 $\pm$  10nm